

1. V. F. Kond. tekhn. nauk; N. N. YANOV, V. I., inzh.,
retired; L. G. OVCHINNIKOV, S. I., Kand. tekhn. nauk, red.

Diamond tools in industry | Diamaznye instrumenty v pro-
izvodstvennosti. Moskva, Izd-vo "Mashinostroenie," 1964.
142 p.

U.S. - 17-5

TARANOVSKIY, S.V., doktor tekhn.nauk,prof.,red.; POPOV, S.A.,
kand. tekhn. nauk, nauchn.red.; ZUBKOVA, M.S., red.
izd-va; RODIONOVA, V.M., tekhn. red.

[Structural elements made of aluminum alloys; design
analysis, and manufacture] Stroitel'nye konstruktsii iz
aliuminievykh splavov; proektirovanie, issledovanie, iz-
gotovlenie. Pod obshchey red. S.V.Taranovskogo. Moskva,
Gosstroizdat. No.2. 1963. 290 p. (MIRA 17:2)

1. Akademiya stroitel'stv i arkhitektury SSSR. Institut
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POPOV, S.A. (Leningrad)

Overall automation and use of computer techniques in inland
water transportation. Izv. AN SSSR. Energ. i transp. no.5:
645-648 S-0 '63. (MIRA 16:11)

KURENYSHEV, Yu., inzh. (g.Orsk); MASAGUTOV, M.~~E.~~; POPOV, S.; BUKHANTSEV, N.; UGNIVENKO, P.N.; UBIYKO, F.F., master-vzryvnik; PROZOROVSKIY, V.I., master-vzryvnik; FOMIN, P.F., master-vzryvnik; DROZLOV, P.I., master-vzryvnik

Readers' letters. Bezop.truda v prom. 5 no.12:33 D '61.
(MIR 15:1)

1. Nachal'nik burovzryvnykh rabot Solikanskogo kaliynogo kombinata (for Masagutov).
2. Upravlyayushchiy trestom "Soyuzvzryvprom" (for Popov).
3. Nachal'nik proizvodstvennogo otdela tresta "Soyuzvzryvprom" (for Bukhantsev).
4. Nachal'nik burovzryvnykh rabot shakhtoupravleniya 1-5 tresta Kirovugol' Luganskogo sovnarkhoza (for Ugnivenko).
5. Shakhtoupravleniye 1-5 tresta Kirovugol' Luganskogo sovnarkhoza (for Ubiyko, Prozorovskiy, Fomin, Drozdov).
(Industrial safety)

POPOV, P. (Narodnaya Respublika Bolgariya); POPOV, S. (Narodnaya
Respublika Bolgariya)

Bulgarian visual aids in the study of natural history. Biol.
v shkole no. 6;81-82 N-D '60. (MIRA 14:1)
(Bulgaria--Natural history--Audio-visual aids)

POPOV, S.

Macrophotography with the use of a range finder. Sov.foto
21 no.12:30-31 D '61. (MIRA 14:12)
(Photography, Close-up)

POPOV, S. (Bulgariya)

Transparent wheat grain. Tekh.mol. 28 no.7:18 '60.
(MIRA 13:8)
(Bulgaria--Grain--Testing)

POPOV, S.

Briquetting anthracite coal with sulfite lye as a binder. p. 91.

GODISHNIK. Nauchnoizsledovatelski institut za tekhnolozhki izsledvaniia na gorivata. Sofiia, Bulgaria. Vol. 3, no. 3, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960.
UNCL

L 46618-56 RO
ACC NR: AP6024751

SOURCE CODE: BU/0011/65/018/010/0947/0949

AUTHOR: Hollov, N.; Marekov, N.; Popov, S.; Kouzmanov, B.

?

ORG: Institute of Organic Chemistry, BAN, Sofia

B

TITLE: Alkaloids of some Gentiana species

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 947-949

TOPIC TAGS: alkaloid, plant chemistry

ABSTRACT: Gentiana L. is one of the six genera of the Gentianaceae family which is fairly common in Bulgaria. Fourteen species of this genus thrive mainly in the highlands. Some of them are widely used in popular medicine. Although in the past many compounds were isolated from the various species of Gentiana, no studies on alkaloids have been made yet. Consequently, the authors carried out alkaloid composition studies in G. cruciata L., G. esculapiades L., G. lutea L. var. symphyandra Mrb., G. punctata L., as well as the endemic species G. bulgarica. The article contains detailed data about the amount and types of alkaloids found. A more detailed study of the properties of the individual isolated alkaloids will be published later. This paper was presented by Academician U. Ivanov on 12 July 1965. [Orig. art. in Eng.] [JPRS: 34,805]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 002 / OTH REF: 014

Card 1/1 *fs

0915 2584

POPOV, St., inzh.

Preservation of vitamins during the processing of raw materials in
food industries. Khim i industriia 34 no.3:106-108 '62.

POPOV, St., inzh.

Building which opens like an umbrella. Nauka i tekhn ~~mladezh~~ 14 no.3:5
Mr '62.

POPOV, Stefan, inzh.

Protection of steel conduits against soil corrosion. Tekhn delo
13 no.431:3 16 Je '62.

POPCV, S., and others.

Investigation of the concentration of the black coal from the Balkan basin. p.3

Sofia. Nauchnoizsledovatelski institut za tekhnologhki izsledvaniia na gorivata. GODISHNIK. Sofia, Bulgaria. Vol. 4, 1959.

Monthly List of East European Accessions (EMAI), LC, Vol. 8, No. 12,
December 1959
Uncl.

BRAGINSKIY, V.;POPOV, S.

Revealing and using hidden potentials. NTO no.12:26-27 D '59
(MIRA 13:3)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva sakharo-rafinadnogo zavoda, g. Odessa (for Braginskiy).
2. Predsedatel' zavkoma profsoyuza Odesskogo sakharo-farinadnogo zavoda (for Popov).
(Odessa--Sugar industry)

POPOV, Slavcho

Graphical method of determining the activity of irradiated specimens. Atom. energ. 11 no.1:61-65 J1 '61. (MIRA 14:7)

1. Laboratoriya po primeneniyu radioizotopov v mashinostroyenii,
Sofiya.

(Bulgaria--Radioactive substances)

POPOV, S.

Using synthetic materials in shipbuilding and ship repair.
Mor. flot 19 no. 7:16-18 Jl '59. (MIRA 12:10)

1. Glavnny spetsialist Soyuzmorproyekta.
(Shipbuilding) (Ships--Maintenance and repair)
(Synthetic products)

POPOV, Slaveho, inzh.

Studying insect migrations with radioisotopes. Prir i znanie
15 no.1:8-10 Ja '62.

JURIC, M. (Beograd); ADAMOVIC, O. (Beograd); POPOV, S. (Beograd);
KOSTIC, J. (Beograd)

Determination of uranium contents in the rocks, and some
characteristics of the work with nuclear emulsions on the
reactor of Vinca. Ves mat fiz Srb no.12:125-134 '60.

SLIVKOV, K, inzh.; POPOV, Sl., inzh.; SEDLOEV, Iv., inzh.

Structure and kinetic growth of iron-zinc phases in hot zinc plating
by cuts on spherical section. Mashinostroenie 12 no.4:23-27 Ap '63.

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no.5:33-34 My '63.

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Therapeutic effect of penicillin in epidemic meningitis and
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(PENICILLIN) (SCARLET FEVER)
(MENINGITIS) (STATISTICS)

POPOV, Stefan, inzh.

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"Investigation of the pneumatic enrichment of the coal from the East Maritsa basin."

p. 4 (Tekhnika, Vol. 6, no. 7, 1957, Sofia, Bulgaria)

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Irsha-Borodino open-cut mine. Mast.ugl. no.4:9 '59.
(MIRA 12:6)

1. Nachal'nik Irsha-Borodinskogo razrezoupravleniya.
(Krasnoyarsk Territory--Strip mining)

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POPOV, S.

The so-called collagen diseases with case reports. Suvrem. med., Sofia
9 no.5:68-77 1958.

1. Iz Detskata klinika pri VMI I. P. Pavlov - Plovdiv (Zav. katedrata:
prof. I. Andreev) i Patologoanatomichniia institut pri VMI I. P. Pavlov -
Plovdiv (Zav. katedrata: prof. A. Prodanov).

(SCLERODERMA, case reports,

(Bul))

(ERIARTERITIS NODOSA, in inf. & child.
fatal cases (Bul))

POPOV, S.

Utilization of the Waste Material of the Alcohol Industry. Ieka Promishlenost
'Light Industry), #3:23: Mar 55

POPOV, Steike

Certain theoretical questions in the declaration of the Moscow Conference. Spisanie BAN 6 no.2:51-64 '61.

POPOV, S.

Controlling the Energy and Fuel Economy on Enterprises. (Light Industry),
#1:10:Jan. 55

Popov, S.
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Attain perfection in the use of complicated equipment. Pozh. delo
4 no. 2:20 F '58.
(MIRA II:1)
(Fire departments--Equipment and supplies)

USSR/Corrosion - Protection from Corrosion, J

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63863

Author: Borovikov, A., Popov, S.

Institution: None

Title: Detection of Intercrystallite Corrosion by the Paint Method

Original

Periodical: Grazhd. aviatsiya, 1956, № 3, 29

Abstract: The method involved for detecting foci of intercrystallite corrosion on articles made from Al-alloys by means of paints, consists of coating the metal surface first with a layer of red paint made from 10-30 g of the aniline dye "Sudan IV," 20-30% gasoline and 70-80% illumination kerosene, and then with a white paint consisting of a mixture of 70% white nitroenamel "DM," 20% "RDV" thinner and 10% Zn white. Presence of foci of intercrystallite corrosion is evidenced by the appearance of clearly defined red paint marks on the white background. It was found that the paint method makes it possible to detect intercrystallite disintegration having a depth of > 0.1 mm.

Card 1/1

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TEKHNIKA. Sofiia, Bulgaria

SOURCE: East European Acquisitions List (EEAL) Vol 6, No. 4--April 1957

POPOV, S.

POPOV, S. Space-frequency amplifiers with bifilarly wound transformers in the present television receivers. p. 48. Vol. 5, no. 10, 1956 ELEKTROENERGIA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

POPOV, S.

POPOV, S. Ionization cleaning diffusion juice of non-sugar substances. p. 6.

Vol. 5, no. 10, 1956.

LEKA POMISHLENOST.

TECHNOLOGY

Sofia, Bulgaria

See: East European Accession, Vol. 6, No. 3, March 1957

POPOV, S.

Control over the electric-power and heating economy in enterprises.
p.38. LEKA PROMISHLENNOST. (Ministerstvo na lekata i khranitelnata
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SOURCE: East European Acquisitions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

POPOV, S.

New work methods in the Soviet alcohol distilleries. p. 20. LEKA
PROMISHLENOST. Sofiya. Vol. 5, No. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of CONGRESS.
Vol. 5, No. 8, August 1956.

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POPOV, S. Cleaning the scale from pipelines with water and air. p. 46.
Production of powdered grape juice. p. 47.
Washing fruits and vegetables with compressed air. p. 43.
Conference of the workers in the cotton production p. 42.
Innovations in sugar factories abroad. n. 42.

Vol. 5, No. 9, 1956.
LEKA PROMISHLENOST.
TECHNOLOGY
Sofia, Bulgaria

To: East European Accession, Vol. 6, No. 3, March 1957

POPOV, S.

New method of registration of motility of the stomach and intestines
in experimental animals. Izv. med. inst., Sofia 8:145-151 1953.

(CLML 25:5)

1. Head Physician at Plovdiv Second Municipal Hospital.

POPOV, S., inzhener.

The present and the future belong to motor-scooters. Tekh.mol.23 [i.e. 24]
no.7:31-32,35 Jl '56. (Motorcycles) (MIRA 9:9)

POPOV, S.

Our requirements. Mast. ugl. 5 no.8:11-12 Ag '56. (MLRA 9:11)

1. Mashinist ekskavatora Baydakovskogo razreza kombinata
Ukrburugol'.
(Coal mines and mining)

POPOV, S., kandidat tekhnicheskikh nauk.

On the use of dump trucks in mining. Avt.transp. 34 no.9:6-7 S '56.
(MLRA 9:11)

(Mine haulage) (Dump trucks)

BOROVIKOV, A., inzhener; POPOV, S., inzhener.

Dye technique for detecting intergranular corrosion. Gruzhd.av.
13 no.3:29 Mr '56. (MLRA 9:7)
(Corrosion and anticorrosives)(Aluminum alloys--Metallography)

POPOV, S.

Ways of increasing the productivity of the dredger fleet. Mor.
flot 16 no.2:23-24 F '56. (MLRA 9:5)

1. Nachal'nik Ministerstva sotsial'nogo obespecheniya Upravleniya
morskikh putey.
(Dredging machinery)

Re: [REDACTED]

Borov, S. Utilization of waste from manufacturing electrical, n. 22.
LEVA PUBLISHERS. Sofia. Vol. 3, no. 3, 1955.

60: Monthly List of the East European Association, (MEL), EC. Vol. 4,
no. 10, Oct. 1955. Uncl.

MILKU, Shtefan [Milcu, Stefan], akademik; KHYNKU, G.[Hincu, G. translator]; POPOV, S. [translator]

[Treatment of endocrine diseases. Translated from the Rumanian] Terapia endokrinnikh zabolеваний. Bucharest, Meridiane. Vol.1. 1962. 351 p. (MIRA 18:3)

1. Pervyy sekretar' Akademii Rumynskoy Narodnoy Respublikи direktor Instituta endokrinologii Akademii Rumynskoy Narodnoy Respublikи imeni K.I.Parkhona (for Milk).

RECOR, S.

Poncar, S. Control of the power and heat economy in enterprises. no. 10.
LEVA PREDSTAVENOST. Sofiva. Vol. 4, no. 1, 1955.

SO: Monthly List of the East European Acquisitions, (EAL), DS. Vol. 4,
no. 10, Oct. 1955. Uncl.

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Ways of increasing the productivity of the dredger fleet. Mor.
flot 16 no.2:23-24 F '56. (MLRA 9:5)

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morskikh putey. (Dredging machinery)

POPOV, S.

Control of the power and heat economy in enterprises. p. 10.
LEKA PROMISHLENOST, Sofiya, Vol. 4, no. 1, 1955.

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

POPOV, S.

Utilization of waste from manufacturing alcohol. p. 43.
LEKA PROMISLENOST, Sofiya, Vol. 4, no. 3, 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

POPOV, Stefan

Combining rubber and cloth. Khim i industriia 36 no.10, 791
164.

IPOPOV, S.

"Possibility of Making Briquettes Without a Cohesive Material", P. 11,
(MINMO DFLO, Vol. 9, No. 3, Mar. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 4, No.1,
Jan. 1955, Uncl.

PUPOV, S.

"Radiobroadcasting in the Chinese People's Republic."
Radio, Sofiya, Vol 2, No 11, 1953, p. 15

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"Method for the Fast Cutting of Metals", P. 20. (RATSIONALIZATSIIA, Vol. 3, no. 9, Sept. 1953, Sofiya, Bulgaria);

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

RUMI, ..

"Radio amateurs in the Kl. E. Voroshilov Plant."
Radio, Sofiya, Vol 2, No 11, 1953, p. 13

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IUIUV, S.

Agricultural Machinery

Use of rolled products of specified lengths and their multiples. Za ekon. mat. no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

POPOV, S.A., kand.tekhn.nauk; MALEVSKIY, N.P., inzh.

Instrument for measuring macro and microroughness of working
surfaces of grinding wheels. Izv. vys. ucheb. zav.; mashinostr.
no.1:122-127 '58. (MIRA 11:6)

1.Moskovskoye vysheye tekhnicheskoye uchilishe im. Baumana.
(Grinding wheels--Testing)
(Electronic instruments)

PETKOV, V.; POPOV, St.; TSONEV, Iv.

Pharmacodynamics and toxicology of alkaloids of Veratrum lobelianum.
Farm. i toks.. 22 no.4:324-331 Jl-Ag '59. (MIRA 13:1)

1. Kafedra farmakologii i toksikologii s laboratoriyyey po fiziologii
vysshykh nervnykh deyatel'nostei (zav. - prof. V. Petkov) Instituta
spetsializatsii i usovershenstvovaniya vrachey (Sofiya).
(VERATRUM pharmacol.)

Popov, St.

Bulgaria/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63547

Author: Popov, St.

Institution: None

Title: Utilization of By-Products of Alcohol Industry

Original

Periodical: Opolzotvoryavane odpad"tsite ot spiritnata promishlenost. Leka promishlenost, 1955, 4, No 3, 23-24; Bulgarian

Abstract: The importance is stressed of utilizing CO₂, yeast, glycerol, fusel oil and other by-products of alcoholic fermentation, at the alcohol plants.

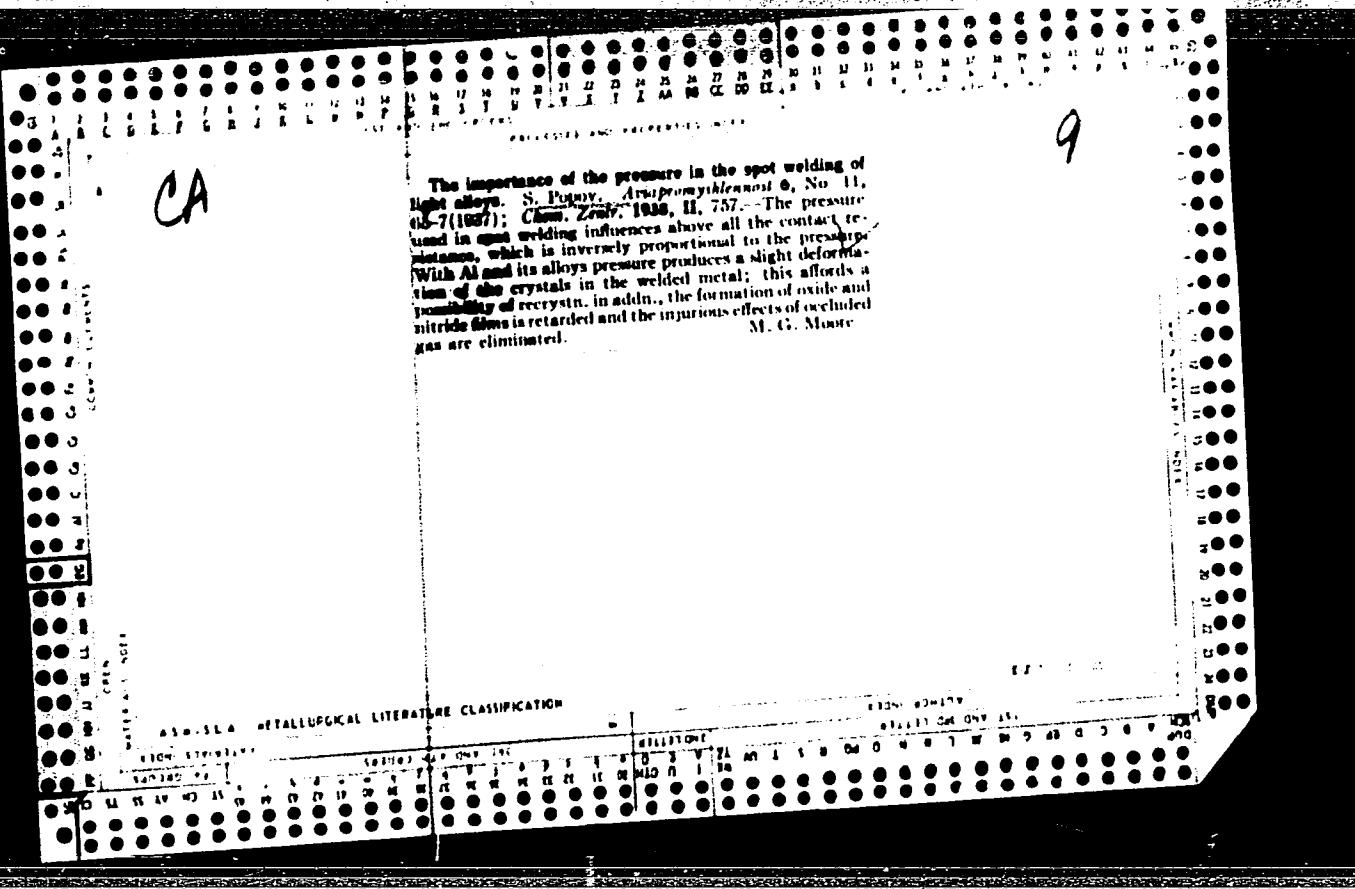
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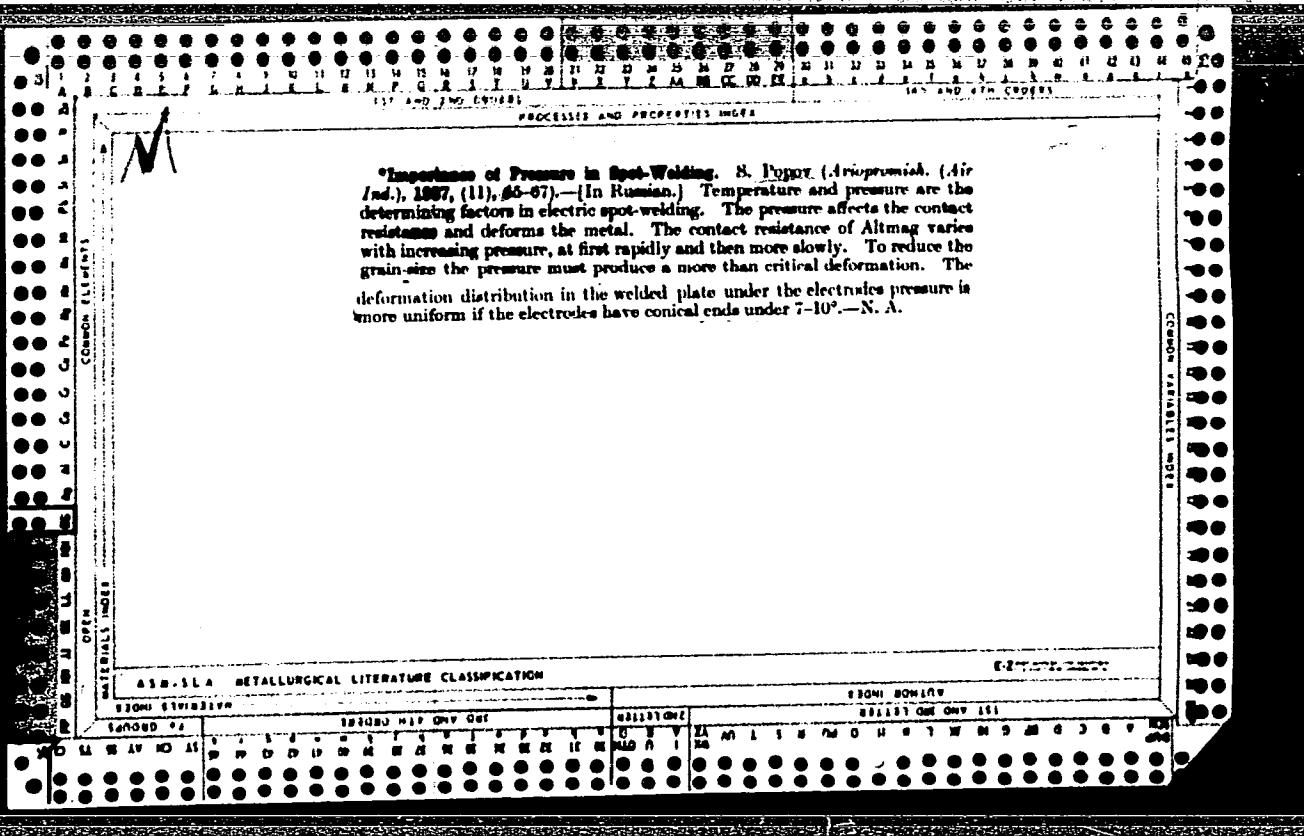
P. Popov, St.
POPOV, St.; IANKOV, K.

Blood plasma in complex therapy of epidemic cerebrospinal meningitis.
Suvrem.med., Sofia 6 no.7:50-59 1955.

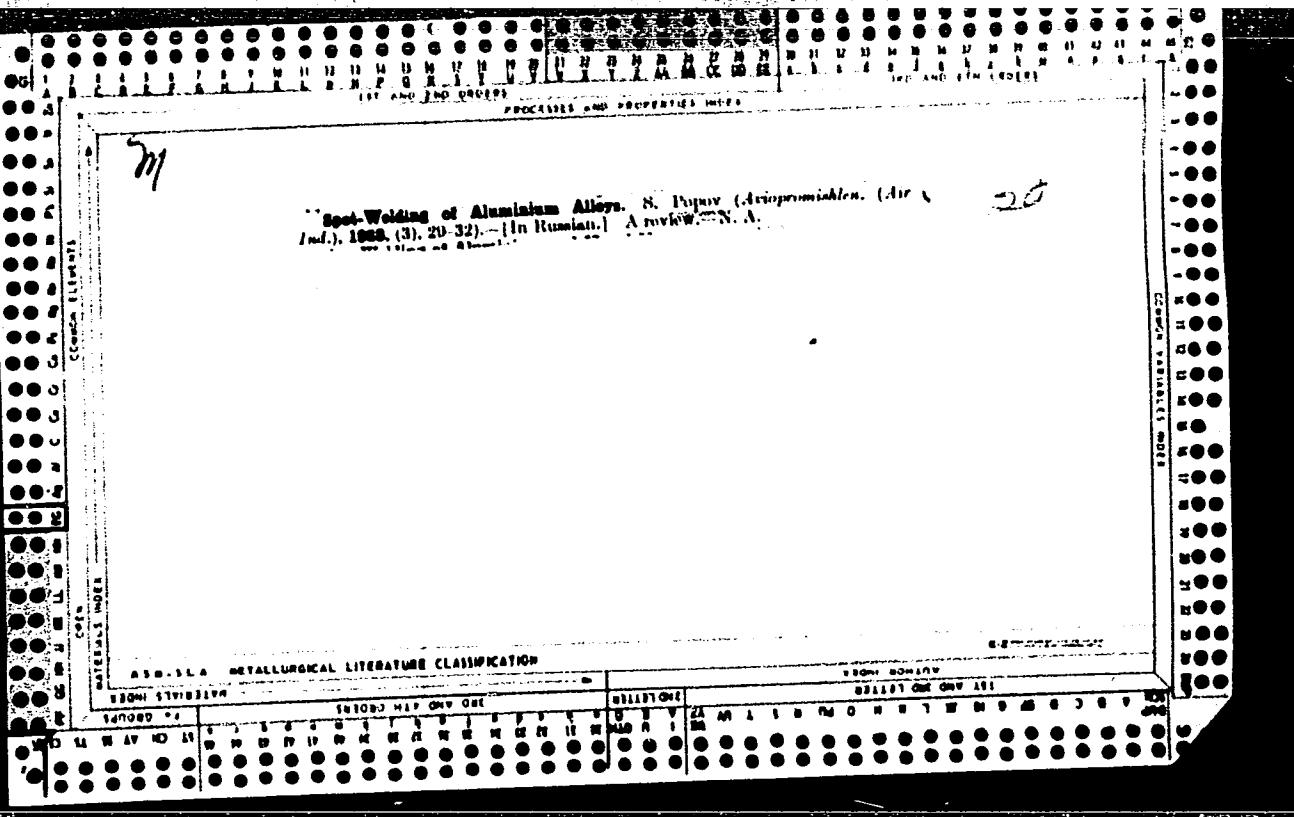
1. Iz Klinikata za infektsiozni bolesti pri Visshiia meditsinski
institut I.P.Pavlov, Plovdiv (zav. katedrata: dots. D.Bratovanov).
(MENINGITIS, therapy,

blood plasma in complex ther. of epidem. cerebrospinal meningitis)
(SEROTHERAPY,
blood plasma in complex ther. of epidem. cerebrespinal meningitis)





"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342



APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013423

LIUBENOV, Al., inzh.; SIAROV, Sl., inzh.; POPOV, S., inzh.

Criterion of stability in hydraulic tracking systems.
Mashinostroenie 13 no.10:15-19 O '64.

1. POPOV, S.
2. USSR (600)
4. Cheese Factories - Accounting
7. Calculating cheese output. Eng. Moloch.prom. 14 no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

Country : BULGARIA
Category: Cultivated Plants. Fruits. Berries.

M

Abs Jour: RZhBiol., № 22, 1958, № 100456

Author : Popov, Savo

Inst : -

Title : Prevoskhodnoye Apple Tree Variety

Orig Pub: Ovoshcharstvo i gradinarstvo, 1957, № 12,
11-12

Abstract: No abstract.

Card : 1/1

M-158

SLIVKOV, K., inzh.; POPOV, Sl., inzh.; SEDLOEV, Iv., inzh.

A new method in the metallographic studies of metal coatings.
Mashinostroenie 11 no.9:28-32 S '62.

POPOV, St., inzh.

Briquetting of the Maritsa-Iztok coal. Tekhnika Bulg 2 no.12:
11-13 D '53.

POPOV, S.A., kand. tekhn. nauk, dots.; LUKICHEV, D.M., kand. tekhn.
nauk, dots.; SKVORTSOVA, N.A., kand. tekhn.nauk, dots.;
NIKONOROV, V.A., kand. tekhn. nauk, dots.; MINUT, S.B.,
dots.; RESHETOV, L.N., doktor tekhn. nauk, prof.;
NIKOLAYEVSKIY, Ye.V., assist.; MASTRYUKOVA, A.S., kand.
tekhn. nauk;

[Theory of mechanisms] Teoriia mekhanizmov; kurs lektsii.
[By] S.A.Popov i dr. Pod red. L.N.Reshetova. Moskva,
No.5. 1962. 123 p. (MIRA 16:7)

1. Moscow. Moskovskoye vyssheytekhnikeskoye uchilishche.
(Mechanisms)

BELENYA, Yevgeniy Ivanovich, doktor tekhn. nauk, prof.;
VEDENIKOV, G.S., kand. tekhn. nauk, retsenzent; PIMENOV,
I.L., retsenzent; POPOV, S.A., kand. tekhn. nauk, nauchn.
red.; BORODINA, I.S., red.; GOL'BERG, T.M., tekhn. red.

[Supporting elements of prestressed metal] Predvaritel'no
napriazhennye metallicheskie neushchchie konstruktsii. Mo-
skva, Gosstroizdat, 1963. 322p. (MIRA 17:1)

POPOV, Sergey Aleksandrovich; MARTYNOV, A.P., red.; GRIGORCHUK, L.A.,
tekhn. red.

[Structural elements of aluminum alloys] Stroitel'nye
konstruktsii iz aluminievykh splavov. Moskva, Izd-vo
"Vysshiaia shkola," 1963. 226 p. (MIRA 16:11)
(Aluminum alloys) (Construction equipment)

POPOV, S. A.

P 2

PHASE II IN EXPLOITATION

SOV/3918

Akademiya nauk SSSR. Institut mashinostroyeniya. Komissiya po tekhnologii
mashinostroyeniya

Osnovnyye voprosy vysokoproizvoditel'nogo shlifovaniya (Basic Problems in
High-Productivity Grinding) Moscow, Mashgiz, 1960. 195 p. 3,000
copies printed.

Ed. (title page): Ye. N. Maslov, Doctor of Technical Sciences, Professor;
Ed. (inside book): A. T. Popov, Engineer; Tech. Ed.: V. D. El'kind;
Managing Ed. for Literature on Metalworking and Instrument Construction
(Mashgiz): V. V. Rzhavinsky, Engineer.

PURPOSE: This book is intended for technical personnel in metal grinding.

COVERAGE: This collection of articles deals with problems of efficient
grinding of metals, the theory of grinding, the mechanism of the cutting
action of grains, chip formation, and the effect of certain factors on
the productivity of the grinding process. Emphasis is also given to the
automation of the grinding process. A number of articles deal with the
grinding of carbides and titanium alloys. No personalities are mentioned.
References follow each article.

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Basic Problems (Cont.)

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TABLE OF CONTENTS:

From the Editor	3
Maslov, Ye. N. [Doctor of Technical Sciences, Professor]. Mechanism of the Cutting Action of Abrasive Grains in Grinding	5
The author discusses arrangement, spacing, dimensions, and geometry of abrasive grains. The theory of the process of chip formation and the thickness of the layer removed by a single grain are also discussed.	
Popov, S. A. [Candidate of Technical Sciences]. Analysis of Types of Chip Formation in Connection With the Geometry of the Grinding-Wheel Surface	30
Nikol'skiy, A. V. [Candidate of Technical Sciences]. Effect of Various Factors on Productivity in Cylindrical Grinding	59
The author describes a method for determining optimum feeding rate, unit pressure between work and wheel, and the cutting depth of single grains necessary for the maximum utilization of grinding wheels.	
Vakser, D. B. [Docent]. Effect of the Geometry of an Abrasive Grain on the Properties of the Grinding Wheel	78
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Basic Problems (Cont.)

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The author discusses the relationships between the radii of curvature and the angles of peaks and valleys of abrasive grains. Grain forms were drawn in two projections by means of an RA-4 drawing apparatus built into the system of an ordinary biological microscope. Magnification of the microscope was adjusted to the grit size.

Lur'ye, G. R. [Professor]. The Theory of the Working Cycle in Cylindrical Grinding as a Basis of High-Productivity Machining 87

The article is a study of the grinding operation and its regularities. Among the topics discussed are effect of processing factors on the quality of grinding, changes in cutting action of a grinding wheel over the wheel life and during operation, and the effect of wheel wear on productivity.

Zheleznyay, Ye. S. Principles of High-Productivity Grinding and Its Automation 109

The article deals with the principles of planning high-productivity grinding and the incorporation of a system of automation into grinding operations. Both subjects are discussed in connection with the reduction of cutting time, the achievement of process stability, and the

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Basic Problems (Cont.)

SOV/3918

improvement of the quality of the product.

Kondrat'yer, A. S. [Candidate of Technical Sciences, Docent]. Results of Investigation and Experience of Introducing High-Speed Grinding of Metals

121

The investigation of high-speed grinding with porous grinding wheels is discussed. Advantages, wheel life, and surface roughness of this type of grinding operation are included. The author recommends the accelerated construction of grinders and wheels for speeds of 80-90 m/sec.

Kedrov, S. M. [Candidate of Technical Sciences]. Results of an Investigation of Centerless Grinding With Wide Grinding Wheels

131

The writer discusses the possibilities and advantages of introducing centerless grinding with wide (800-900 mm) wheels into mass production. The results of experimental operations with this type of wheel at the IGPZ Plant are presented.

Segalov, V. I. [Candidate of Technical Sciences]. Characteristic Features of the Process of Grinding Carbides

144

Such characteristic features of the grinding of carbides as the use of silicate-bonded wheels, the formation of powdered waste instead of

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Basic Problems (Cont.)

SOV/918

chips, and the occurrence of intensive oxidation are discussed. The relationships between temperature during grinding, pressure between wheel and work, speed, and productivity are outlined. The author suggests increasing productivity through higher speeds and more intensive oxidation.

Sil'vestrov, V. D. [Candidate of Technical Sciences] Characteristic Features of the Grinding of Titanium Alloys

153

The author indicates the basic cause of low productivity in the grinding of titanium alloys. He attributes low productivity to the chemical affinity of titanium alloys to the materials of the grinding wheel and the resulting excessive wear of the wheel. To increase productivity [20-25 times], he recommends the use of special grinding coolants. The compositions of the coolants proposed are presented.

Bagdasaryan Zh. A. [Candidate of Technical Sciences]. Cutting Action of Grinding Wheels and [Mechanical] Work in Grinding

161

The results of experimental work by the author are presented. The work is based on a study of metal and abrasive waste products in grinding. The effect of truing and dressing on wheel wear is determined, and the coefficient ϵ is derived. This coefficient characterizes the reduction of average grain dimensions in waste as

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Basic Problems (Cont.)

SOV/3918

compared with original grain dimensions. An analysis of mechanical work (force \times relative displacement of work and wheel surface) during grinding is also presented.

Chestnov, A. L. [Candidate of Technical Sciences]. Finishing of Sliding Surfaces

171

The author discusses the regularities of the microfinishing process, a microfinishing attachment for a lathe, and the effect of finishing of a journal on the wear of the bushing.

Makhkamov, R. G. Some Problems of Flexible Grinding and Buffing With Felt Wheels

189

The author describes an experimental investigation of flexible grinding with felt wheels with bonded abrasive powder. The composition of a paste for buffing is also described (73% chromium oxide, 23% stearin, and 4% oleic acid).

AVAILABLE: Library of Congress

Card 6/6

VK/pw/ec
8-26-60

AREF'YEV, T.I., kand. ekon. nauk; BRASLAVETS, M.Ye., prof., doktor ekon. nauk; BROZGUL', M.M.; VLASOV, N.S., prof., doktor ekon. nauk; DUBROVA, P.F., doktor ekon. nauk; YESAULOV, P.A., kand. sel'khoz. nauk; ZAL'TSMAN, L.M., prof., doktor sel'-khoz. nauk; KAL'M, P.A., dotsent, kandidat sel'sko-khoz. nauk; KOSTSELETSKIY, N.A., kand. ekon. nauk; KRYLOV, V.S., kand. sel'khoz. nauk; LIBKIND, A.S., dots., kand. ekon. nauk; MAKAROV, N.P., prof., doktor ekon. nauk; OGLOBLIN, Ye.S., kand. sel'khoz. nauk; POLOVENKO, S.I., kand. ekon. nauk; POPOV, S.A., dots., kand. ekon. nauk; SAPIL'NIKOV, N.G., doktor ekon. nauk; TISHCHENKO, G.A., prof., kand. ekon. nauk; TYUTIN, V.A., prof., doktor ekon. nauk; YANYUSHKIN, M.F., kand. ekon. nauk; PYLAYERVA, A.P., red.; FREYDMAN, S.M., red.; SOKOLOVA, N.N., tekhn. red.

[Organization of socialist agricultural enterprises] Organizatsiya sotsialisticheskikh sel'skokhoziaistvennykh predpriyatiy; kurs lektsii. Moskva, Sel'khozizdat, 1963. 662 p.

(MIRA 16:8)

1. Zaveduyushchiy otdelom ekonomiki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Aref'yev).
2. Odesskiy sel'skokhozyaystvennyy institut (for Braslavets).

(Continued on next card)

AREF'YEV, T.I.--- (continued). DATE . .

3. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Vlasov).
4. Zaveduyushchiy otdelom ekonomiki i organizatsii Nauchno-issledovatel'skogo instituta sadovodstva im. I.V.Michurina (for Dubrova).
5. Moskovskiy Gosudarstvennyy universitet im. M.V.Lomonosova (for Zal'tsman, Polovenko).
6. Zaveduyushchiy kafedroy organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Kal'm).
7. Zaveduyushchiy otdelom ekonomiki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for Koatseletskiy).
8. Vsesoyuznyy nauchno-issledovatel'skiy institut pitsevodstva (for Krylov).
9. Moskovskiy ekonomico-statisticheskiy institut (for Libkind).
10. Vsesoyuznyy sel'skokhozyaystvennyy institut zaochnogo obrazovaniya (for Makarov).
11. Zaveduyushchiy otdelom ekonomiki Krasnodarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Oglobiin).
12. Kafedra organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Popov).
13. Zaveduyushchiy kafedroy Sovetskoy ekonomiki Vysshey partiynoy shkoly (for Sapil'nikov).
14. Voronezhskiy sel'skokhozyaystvennyy institut (for Tishchenko).
15. Leningradskiy sel'skokhozyaystvennyy institut (for Tyutin).
16. Direktor Severo-Kavkazskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Yanyushkin).

(Agriculture--Economic aspects)

L 22713-66 EWT(1)/EWA(h)

ACC NR: AP6002933 (A)

SOURCE CODE: UR/0286/65/000/024/0102/0102

AUTHORS: Khatskelevich, Ya. D.; Bulatov, V. K.; Popov, S. A.; Mityakov, A. I. 17

ORG: none

TITLE: A trigger for controlling relay-contact commutators. Class 42, No. 177159

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 102

TOPIC TAGS: relay system, electronic circuit reliability, commutator

ABSTRACT: This Author Certificate presents a trigger for controlling relay-contact commutators. The trigger contains transistors with the windings of the relay in their collector circuit. The design increases the reliability of the trigger and reduces its response time. The bases of the transistors are connected with the contacts of one of the relays. This relay connects the input of the trigger to the bases of the transistors (see Fig. 1). The emitters of the transistors are joined together and are connected to the voltage source through a resistance and the contacts of the second relay. Diodes are connected between the base and the emitter of each transistor.

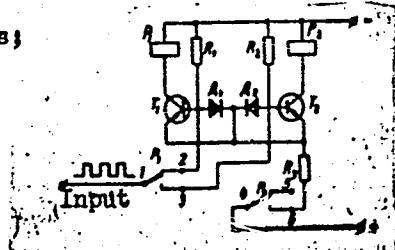
Card 1/2

UDC: 681.142:621.374.3

L 22713-66

ACC NR: AP6002933

Fig. 1. P₁ and P₂ - Relays; T₁ and T₂ - transistors;
D₁ and D₂ - diodes; R₁, R₂ and R₃ - resistors;
1-3 - contacts of relay P₁;
4-6 - contacts of relay P₂.



Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 14May64

Card 2/2 *VJR*

L 37927-66

ACC NR: AP6024906

SOURCE CODE: UR/0317/66/000/007/0082/0082

AUTHOR: Kulibinov, Yu. M.; Neuymin, Ya. G.; Petrov, Yu. P.; Popov, S. A.; Ryabukhin, O. V.

26
E

ORG: none

TITLE: Speed regulator for marine diesel

SOURCE: Tekhnika i vooruzheniye, no. 7, 1966, 82

TOPIC TAGS: marine equipment, speed regulator

ABSTRACT: This Author Certificate introduces a speed regulator which uses a tachometer generator instead of a sounding device as a primary transducer, making the regulator

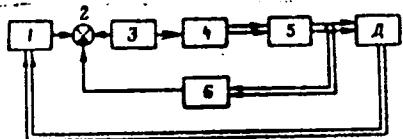


Fig. 1. Block diagram of speed regulator

1 - Tachometer generator; 2 - comparison unit;
3 - amplifier; 4 - electric motor; 5 - sliding
fuel-pump-rack support; 6 - feed-back selsyn.

Card 1/2

POPOV, Stoian A.; VESELINOV, Stefan K., inzh.

Purification of the water polluted during the dressing of
the fine pernik coal. Tekhnika Bulg 11 no.9:345-348 '62.

L 8346-66

ACC NR: AP5025760

SOURCE CODE: UR0286/65/000/018/0126/0126

AUTHORS: Kulibinov, Yu. M.; Neuymin, Ya. G.; Petrov, Yu. P.; Popov, S. A.;
Ryabukhin, O. V.

ORG: none

TITLE: Speed regulator for marine diesel engine. Class 60, No. 174949

SOURCE: Byulleten' izobretens i tovarnykh znakov, no. 18, 126

TOPIC TAGS: diesel engine, speed regulator, marine diesel engine, MARINE
ENGINEERING

ABSTRACT: This Author Certificate presents a marine diesel engine speed regulator (for keeping optimum fuel flow during operation in shallow waters) containing a transducer which interacts with the actuating mechanism. To increase reliability and accuracy, the drive shaft tachometer-generator serves as the transducer. A second feature is provided by using an electric drive as the actuating mechanism. This drive is connected through an amplifier to the tachometer-generator and synchro circuit (see Fig. 1). The synchro provides feedback from the moving actuator rod.

Card 1/2

UDC: 621.436—545.74

L 8346-66

ACC NR: AP5025760

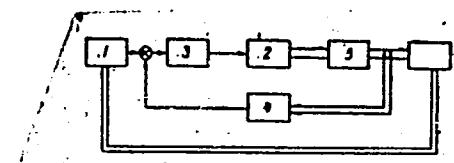


Fig. 1. 1 - Tachometer-generator;
2 - electric motor;
3 - amplifier;
4 - synchro;
5 - movable rod of the fuel pump.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 14Mar64

jw
Card 2/2

STRELETSKIY, Nikolay Stanislavovich, doktor tekhn. nauk, prof.;
BFLENYA, Yevgeniy Ivanovich, prof.; VEDENIKOV, Georgiy
Stanislavovich, dots.; MUKHANOV, Konstantin Konstantinovich,
dots.; LESSIG, Yevgeniy Nikolayevich, dots.; POPOV, S.A.,
kand. tekhn. nauk, nauchn. red.; LILEYEV, A.F., inzh.,
nauchn. red.

[Metal elements; a special course] Metallicheskie kon-
struktsii; spetsial'nyi kurs. Pod red. N.S.Streletskogo.
Moskva, Stroizdat, 1965. 366 p. (MIRA 19:1)

1. Chlen-korrespondent AN SSSR (for Streletskiy).

BELENYA Yevgeniy Ivancovich, doktor tekhn. nauk, prof.; VEDENIKOV,
G.S., kand. tekhn. nauk, retsenzent; PIMENOV, I.L., kand.
tekhn. nauk, retsenzent; POPOV, S.A., kand. tekhn. nauk,
nauchn. red.; BORODINA, I.S., red.

[Bearing structures of prestressed metal] Predvaritel'no
napriazhennye metallicheskie neushcheli konstruktsii. Mo-
skva, Gosstroizdat, 1963. 322 p. (MIRA 17:5)

KAMINSKIY, M.Ye.; NAYERMAN, M.S.; PETROSYAN, L.K.; POPOV, S.A.,
kand. tekhn. nauk; KHRUL'KOV, V.A., kand.tekhn.nauk,ratsen-
zent

[Efficient use of diamond tools] Ratsional'naia eksplia-
tatsiia almaznogo instrumenta. [By] M.E.Kaminskii i dr.
Moskva, Mashinostroenie, 1965. 238 p. (MIRA 18:6)

POPOV, S.A.

For a further improvement of the production. Masl.-zhir.
prom. 26 no.4:41-43 Ap '60. (MIRA 13:6)

1. Kishinevskiy efiromaslichnyy sovkhoz-zavod.
(Moldavia--Essences and essential oils)

POPOV, S.A., kand.tekhn.nauk

Using aluminum alloys in construction for the transportation
industry. Transp.stroi. 9 no.5:51-54 My '59.
(MIRA 12:12)

(Aluminum alloys)
(Transportation--Buildings and structures)

POPOV, S.A., kand.tekhn.nauk; MALEVSKIY, N.P., inzh.

Relationship between the macrogeometry of working surfaces and
unbalance of grinding wheels. Nauch.dokl.vys.shkoly;mash.i
prib.no.1:147-151 '58. (MIRA 12:1)

1. Predstavleno kafedroy "Teoriya mekhanizmov i mashin" Moskov-
skogo vysshego tekhnicheskogo uchilishcha imeni N.E. Baumana.
(Grinding and polishing)

MORACHEVSKIY, Taras Nikolayevich, kand.tekhn.nauk; POPOV, S.A., kand.
tekhn.nauk, nauchnyy red.; YEGOROVA, N.O., red.izd-va; MEDVEDEV,
L.Ya., tekhn.red.; GILENSON, P.G., tekhn.red.

[Using aluminum alloys in making construction elements] Pri-
menenie aliuminievых сплавов в строительных конструкциях.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.mate-
rialam, 1959. 130 p. (MIRA 12:8)

(Aluminum alloys) (Aluminum, Structural)

SOV/137-58-11 23563

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 244 (USSR)

AUTHOR: Popov, S. A.

TITLE: Aluminum Alloys in Bridge Construction (Primeneniye alyuminiyevykh splavov v stroitel'stve mostov)

PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1958, Nr 101, pp 115-143

ABSTRACT: Brief data on the history of the development of Al-alloy bridge construction and the advantages and shortcomings thereof relative to standard steel construction. Bibliography: 5 references.

S. M.

Card 1/1

POPOV, S.A., kand. tekhn. nauk, dots.

Use of aluminum alloys in bridge construction. Trudy MIIT no.101:
115-143 '58. (MIRA 11:6)
(Aluminum alloys) (Bridge construction)

ROCHEV, N.N., glav. red.; VAVILOV, P.P., red.; VERTEL', E.I., red.; GORELIK, A.I., red.; GUZMAN, I.S., red.; KUZNETSOV, G.N., red.; MEDVEDEV, G.A., red.; MODYANOV, Ya.V., red.; PANTELEYEVA, A.A., red.; POLYAKOV, V.V., red.; POPOV, S.A., red.; POPOVA, S.M., red.; RAYEVSKIY, S.S., red.; RUDAKOV, S.V., red.; SYUTKIN, A.F., red.; USOV, A.I., red.; USTINOVA, I.K., red.; SHKIL', P.T., red.; CHEBYKIN, N.P., red.; MEZENTSEV, S.A., red.; MOROZOV, V.S., red.; OPLESNIN, I.I., tekhn. red.

[Forty years of the Komi A.S.S.R., 1921-1961; studies on the cultural and economic development of the Komi Republic] 40 let Komi ASSR, 1921-1961; ocherki o razvitiu ekonomiki i kul'tury Komi Respubliki. Syktyvkar, Komi knizhnoe izd-vo, 1961. 154 p. (MIRA 14:11)
(Komi A.S.S.R.--Economic conditions) (Komi A.S.S.R.--Culture)

ARSENIN, N.D.; BUDKOVSKIY, N.G.; BOLOTIN, A.A.; BONARTSEVA, N.N.;
BOGDANOVA, M.V.; GOLOVENKO, I.P.; IL'BITENKO, K.I.;
KIRPONGS, Ye.M.; KARAFETYAN, K.G.; KIRSANOVA, I.A.;
KUZNETSOV, A.L.; KORESHNIKOVA, N.F.; KORZHENEVSKAYA, T.I.;
NEMIROV, N.G.; NIKONOVA, T.K.; NAZAROV, V.N.; PISAREVA, I.A.;
~~POPOV, S.A.~~; PRONINA, N.A.; PAKHMAN, M.Ye.; REYPOLSKIY, S.N.;
ROGACHEV, Yu.N.; SOSNINA, V.D.; STARSHINOV, B.M.; KHUDYAKOV,
B.Ya.; SHELEKASOV, V.I.; PARKOV, V.P., podpolkovnik, red.;
MURAV'YEV, A.I., polkovnik, red.; CHAPAYEVA, R.I., tekhn. red.

[Relics of military glory] Relikvii boevoi slavy. Moskva,
Voenizdat, 1962. 166 p. (MIRA 15:8)

1. Nauchnyye sotrudniki TSentral'nogo muzeya Sovetskoy Armii
(for all except Murav'yev, Chapayeva).
(Military museums)

POPOV, S.A.

Processing sugar beets at alcohol plants in the Tatar Economic
Council. Spirit. prom. 25 no. 4:31-32 '59. (MIRA 12:7)
(Tatar A.S.S.R.--Sugar beets)
(Tatar A.S.S.R.--Distilling industries)

POPOV, S.A.

Automatic regulator for the transfer of malt extract into measuring
apparatus. Spirt.prom. 20 no. 4:40-41 '54. (MLRA 7:12)
(Distillation apparatus) (Automatic control)

POPOV, S. A.

POPOV, S. A. - "The kinematics and dynamics of circular grinding in centers".
Moscow 1955. Min Higher Education USSR. Moscow Order of Lenin and Order
of Labor Red Banner Higher Technical School imeni Bauman. (Dissertation
for the Degree of Candidate of Technical Sciences).

SO: Knizhnaya Letopis' No. 46, 12 November 1955. Moscow

MAL'TSEV, P.V., kandidat tekhnicheskikh nauk; OSIPOV, V.O., inzhener;
POPOV, S.A., kandidat tekhnicheskikh nauk.

New design for standard test piles having rubber chambers. Trudy
MIIT no.85/86:29-41 '56. (MLRA 9:10)

(Piling (Civil engineering))

POPOV, S.A., kand.tekhn.nauk dots.

Using aluminum alloys in construction. Stroi.prom. 35 no.9:26-32
S '57. (MIRA 10:10)
(Aluminum alloys)